

PGE Consultants, Contractors, and Suppliers for Harborton

Year(s)	Consultant/Contractor/Supplier	Job Task Description
1970-1973	Pettijohn Engineering Co	Conduct initial site clearing activities and perimeter dike construction; Conduct engineering & location study for 115 KV switchyard layout & piling under Ebasco
1971	Port of Portland	Placed 672,500 cubic yards of River dredge material within the diked portion of Parcel A
1971-1974	Ebasco	Furnish engineering services to assist PGE in soliciting bids and in analyzing proposals; Construction management; Conduct tank settlement evaluations
1971-1974	Turbo Power & Marine Services	Foundation, Installation, & Erection of Turbines & Fire Protection System; Installation of Cathodic Protection; & Supplemental Sound Treatment; Conduct NOx reduction evaluations
1971-1976	Dames & Moore	Conduct Dredge Soils Investigation; Conduct Foundation, Soils, & Dike Investigation for ASTs; Conduct 1976 Foundation Investigation for Switchyard Expansion
1972	Crosswhite Excavating Inc	Placed 3,000 cubic yards of overburden fill from the GP property within the southwestern area of the diked portion of Parcel A
1972	US Steel Corportion	Purchase & ship steel piping
1972	Wilhelm Trucking	Receive, unload, handle, reload, transport, unload and store steel piling
1972	Willamette Western Corporation	Place 113,790 cubic yards of River dredge material within the diked portion of Parcel A
1972-1973	Lawrence Security	Provide security services (furnish security guards)
1972-1973	Manning Packing & Supply	Purchase of thermometer and thermometer well
1972-1973	Micro Sales & Leasing	Rent a mobile office trailer
1972-1973	Olympic Pipeline Company	Installation of oil pipeline in railroad spur area
1972-1973	Burlington Northern	Construct railroad spur
1972-1973	Railco Inc	Construct railroad spur
1972-1974	Fred H Slate Co	Perform/Furnish materials to grade site, site road base course construction, and incidental drainage work
1972-1974	GATX	Fabrication, Installation, & Erection of ASTs and floating fuel roofs; Cover repair work to ASTs due to surface damage during installation/erection.
1973	Apollo Chemical Corp	Purchase of Combustion Catalyst Injection (Smoke Abatement) System and Fuel Additive
1973	Anadale	Purchase Fuel Oil Strainers
1973	Atlantic Metal Hose Co	Purchase felxible metal hose for fuel coupling
1973	Bechtel Power Corp	Conduct Fuel Supply, Handling & Storage Facilities Study
1973	Central Fabricators, Inc	Construct/Install air monitoring tower
1973	Construction Chemicals Consult.	Provide inspection and report on AST conditions
1973	Crane Supply Co	Purchase gate valves
1973	Dale Pence Gen Contractor	Conduct Modifications of COP's Oil Firefighting Training Ground necessary for installation of PGE oil piping
1973	Electrical Specialty Co	Furnish silicone kit for styrofoam tank covers

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1973	Entrance Controls	Furnish engineering and design services for security system, including a fixed TV monitoring system
1973	Fram Corp	Purchase Salt & Water Removal Filters for Turbines, transfer pump, and coalescer booster pump
1973	General Rubber & Supply Co	Furnish Empex rubber hose with flanges & steel nipples
1973	Goulds Pumps	Furnish pump and motor to RW Wade & Co
1973	Hawaiian Independent Refinery	Agreement for purchase of 600,000 barrels of oil
1973	Ingersoll Rand	Design, furnish, fabricate, test, and ship Unloading Fuel Oil Pumps & Seal Piping
1973	Kalz & Burkett Equipment Inc	Furnish chicksan swivel joint pipe fitting
1973	KVB Inc	Purchase & Install Stack Monitoring Equipment
1973	McCulloch & Sons	Furnish air receiver
1973	Montgomery Brothers Inc	Furnish concrete heating cable mats
1973	Munnell & Sherrill Inc	Furnish Bridge Cranes
1973	NAPKO	Conduct an inspection of the ASTs for abraision damage
1973	Paramount	Purchase gages and pressure switches for fuel handling facility
1973	Petroleum Equipment Dist.	Furnish Gammon sampling kit
1973	Plumbers Supply	Purchase of Fuel Supply Gate/Check Valves & Flexible Metal Hose
1973	RM Wade & Co	Purchase fuel oil pump and seal
1973	San Jose Steel	Install chain link fence
1973	Saybolt	Install AST strapping and strapping table; Take Hawaiian oil samples and analyze for parameters
1973	Swan-Wooster	Conduct Feasability Study to modify GP dock for PGE fuel loading facility
1973	Union Supply Co	Purchase delivery hose, railroad connections, tank car coupling, & caps for the railroad delivery system
1973	Westinghouse Electrical Corp	Furnish oil pump motor for the transfer of oil to/from Harborton/Bethel
1973	WKM Valve Div, ACF Industries	Purchase of valves for fuel oil supply line isolation
1973	Woodbury & Company	Purchase and Delivery of Steel Piling
1973-1974	DuPont	Purchase Paint, Epoxy, and Thinner for Fuel Facilities and ASTs
1973-1974	Familian Northwest Inc	Purchase gate, control, & globe valves, thermometers, and orifice flanges/plates
1973-1974	Nelson Winslow	Furnish and Install Fuel Oil Conditioner, gaskets, and spare filter elements
1973-1975	Copenhagen General Contractors	Fabrication & erection of Fuel Pump Facility: Concrete, piping, oil-water seperator pit, and electrical work. Performed construction modifications of GP fuel dock for PGE ship-to-shore fuel facility.
1973-1975	Dunkin & Bush Painting Inc	Supervise Preperation & Paint abraided surfaces of ASTs


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1973-1975	Meteorology Research Inc	Conduct stack analysis meteorological systems and monitoring/studies
1974	Ray F. Becker Co	Furnish, fabricate, deliver, and erect steel control house
1974	Reliable Paint	Clean/sandblast and Prime abraided surfaces of ASTs for Dunkin Bush
1974-1975	Environics Inc	Conduct Feasability Study for Catalytic Converter for NOx reduction
1974-1976	Odell	Conduct Exhaust Testing & Air Impact Study
1975	Mar-Dustrial Sales Inc	Furnish, fabricate, & deliver bellows expansion joint for gas pipeline (replacing flexible hose)
1975	Sanderson Safety Supply Co	Furnish skid-mounted chemical fire protection system
1975	Science Applications	Conduct Air Quality Tracer Study
1975	Western Fluid Power Co	Furnish air operated solenoid valve
1976	Engineering Design Assoc.	Provide engineering, design, and drafting for supervisory control and data acquisition (SCADA) remote terminal units
1976	McDougall Control Co	Furnish fuel tank flexible joint
1976	Pathway Bellows Inc	Quality control testing of bellows expansion joint and associated parts
1983	General Electric	Perform test run and inspection service for turbines
1986	Geotechnical Resources Inc	Conduct and Issue Geotechnical Phase I Report for Harborton
1987	Cliff Koppe Metals Inc	Perform metals scrapping
1987	HAZCON	Perform asbestos survey and analysis
1989	John Crane	Package fuel pumps for shipping
1999-2002	Bridgewater Group Inc	Provide environmental consulting; Conduct Phase I, Phase II, and Pre-RI Investigations
2000-2002	Hahn & Associates Inc	Provide environmental consulting & investigations support under Bridgewater Group Inc
2006	Forensic Analytical	Conduct asbestos survey and analysis
2009	Baseline Construction Inc	Conducted site demolition and modification activites
2009-2011	URS Corporation	Provide environmental consulting & site investigations; Prepare Harborton Activities Summary Report for activities conducted at Harborton between 2009 and 2010

* Supporting documents (purchase orders, requisitions, and contracts) are not included in this 104(e)response as described in Quesiton 72.

March 29, 1974

MEMORANDUM TO FILE

FROM: D. R. Landis SUBJECT: HARBORTON SPUR TRACK

A call received by R. L. Miller, Permit Section, from Burlington Northern Railroad stating our Harborton spur track ballast had settled away. Contract Construction was made aware of this condition; remedial action will be taken as soon as ground conditions stabilize and the water table drops. We also brought to Mr. Miller's attention the fact that 15 tank cars were stored on our siding without our permission. Subsequently, BN removed these cars from our siding. See letter to R. L. Welch from R. L. Miller dated March 15, 1974.

DRL:rmo

INTER-OFFICE COMMUNICATION
PORTLAND GENERAL ELECTRIC COMPANY

SYSTEM CONTRACT CONSTRUCTION BRANCH
FILE REFERENCE NO. 424.0

Date March 15, 1974

To R. L. Welch

From  R. L. Miller

Subject Spur Track at Harborton

Mr. S. Melonius of the Burlington Northern Railroad, Track Department, called today and suggested that our spur track at Harborton needs to be raised about 4 inches in height for a length of approximately 80 feet prior to receiving additional cars. The present condition stems from the recent high water and settlement after construction. Mr. Melonius further suggested that corrective measures could be to place additional fill and ballast, then retamp.

Also, I made Mr. Melonius aware of the unauthorized use of our spur track.

cc: D. F. Davidson